VISION of EXCELLENCE

UNIVERSITI MALAYSIA SARAWAK

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2010

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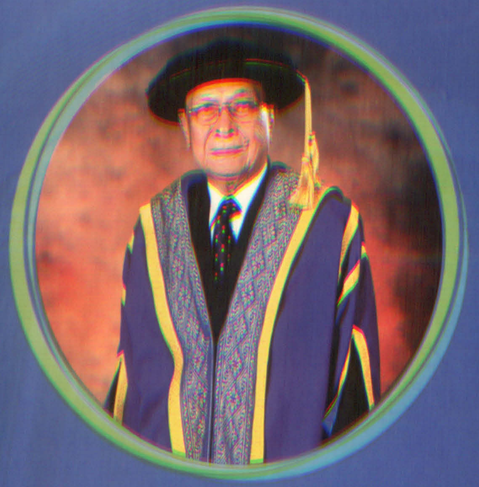
PKHIDMAT MAKLUMAT AKADEMIK
UNIMAS
1000200049

In the beginning...

Wawasan 2020 or Vision 2020 was introduced by the former prime minister of Malaysia Tun Dr. Mahathir Mohammad during the tabling of the 6th Malaysia Plan in 1991. The vision calls for a self-sufficient industrial, Malaysian-centric developed nation, complete with an economy in 2020 that will be eightfold stronger than the economy of the early 1990s.

CHANCELLOR



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Haji Abdul Taib Mahmud

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BOARD OF DIRECTORS

Tan Sri Datuk Amar
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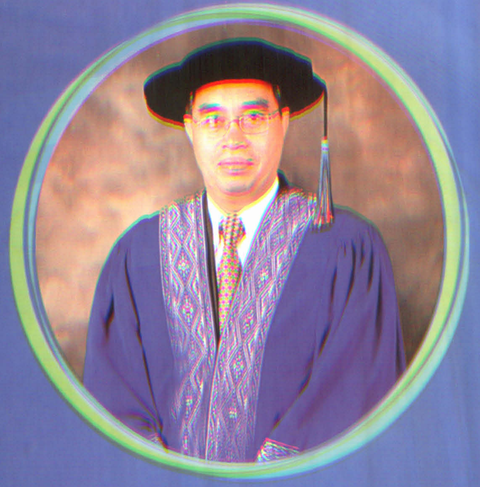


YBhg Prof Dr Khairuddin Ab Hamid

V I S I O N

To become an exemplary university of internationally acknowledged stature and a scholarly institution of choice for both students and academics through the pursuit of excellence in teaching, research and scholarship.

M I S S I O N

To generate, disseminate and apply knowledge strategically and innovatively to enhance the quality of the nation's culture and prosperity of its people.

L O G O

The overall theme reflects the university's commitment to knowledge and excellence. The tree, a symbol of growth and knowledge, stands also for the natural resources of Sarawak and Malaysia, their diverse ethnic groups and cultures. The clasped hands symbolise unity and diversity, a concern for the environment and society, as well as the exploitation and optimisation of new and useful knowledge in development. Together, the hands and the tree form the letter S for Sarawak. The colours blue and red symbolise the integration of education and technology, while golden yellow reflects quality and excellence in both human resources development and services.

FOREWORD

Message from the Vice Chancellor

The speed at which industry and the global community is evolving presents a distinctively complex challenge for education. As global boundaries further crumble, the spectrum and complexity of the challenges that arise today requires individuals who are well exposed to the different fields of knowledge and are able to actively adapt to the fast changing environment.

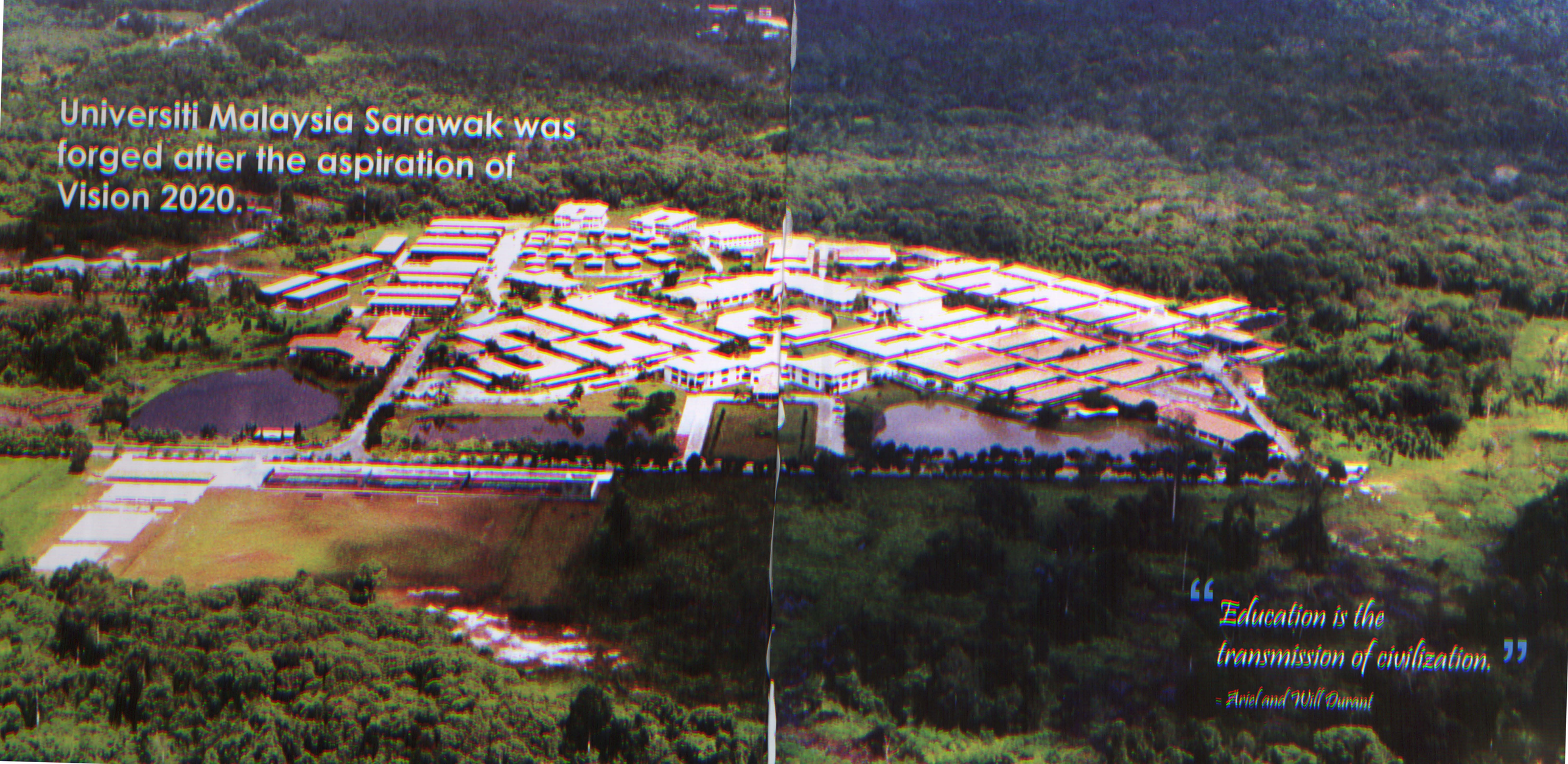
Strategically located in the state of Sarawak, UNIMAS is in an ideal position to offer its students an enriching experience that is unrepeatable elsewhere. Here at UNIMAS, students will be able to not only benefit from a state-of-the-art research and academic facilities, but celebrate the explosion of natural and cultural diversity of the state. The learning experience is further enhanced by an integrated learning system to provide for a well-rounded education.

UNIMAS will continue to explore to the fullest the potentials of this region and harness the economic, social, cultural, and environmental resources of this state for sustainable development and socioeconomic change that would benefit not only Sarawak but the nation as a whole. It will, however, not lose sight of the happenings beyond this region, as UNIMAS will continue to adapt, evolve and respond to the challenges in research and academia in the global context.

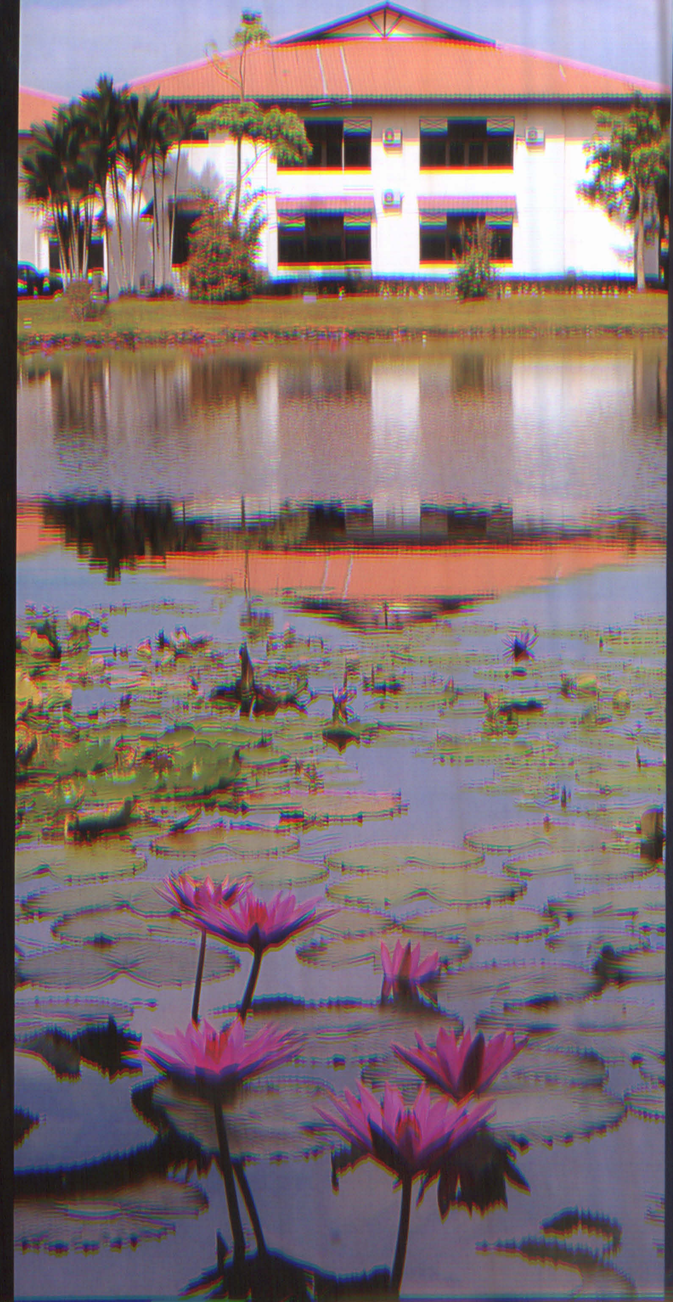
Thus, our move to an ultra modern state-of-the-art permanent campus is more than just a technological and infrastructural facelift. It is an indication of our desire to expand and move far beyond the academic and research excellence that we practise today. But in our contemplation of change, we will not compromise on our basic premises: the academic and research endeavours at UNIMAS will continue to place at the forefront its students' development and the economic and social development of the state and the nation.

Professor Dr. Khairuddin Ab Hamid
Vice Chancellor UNIMAS

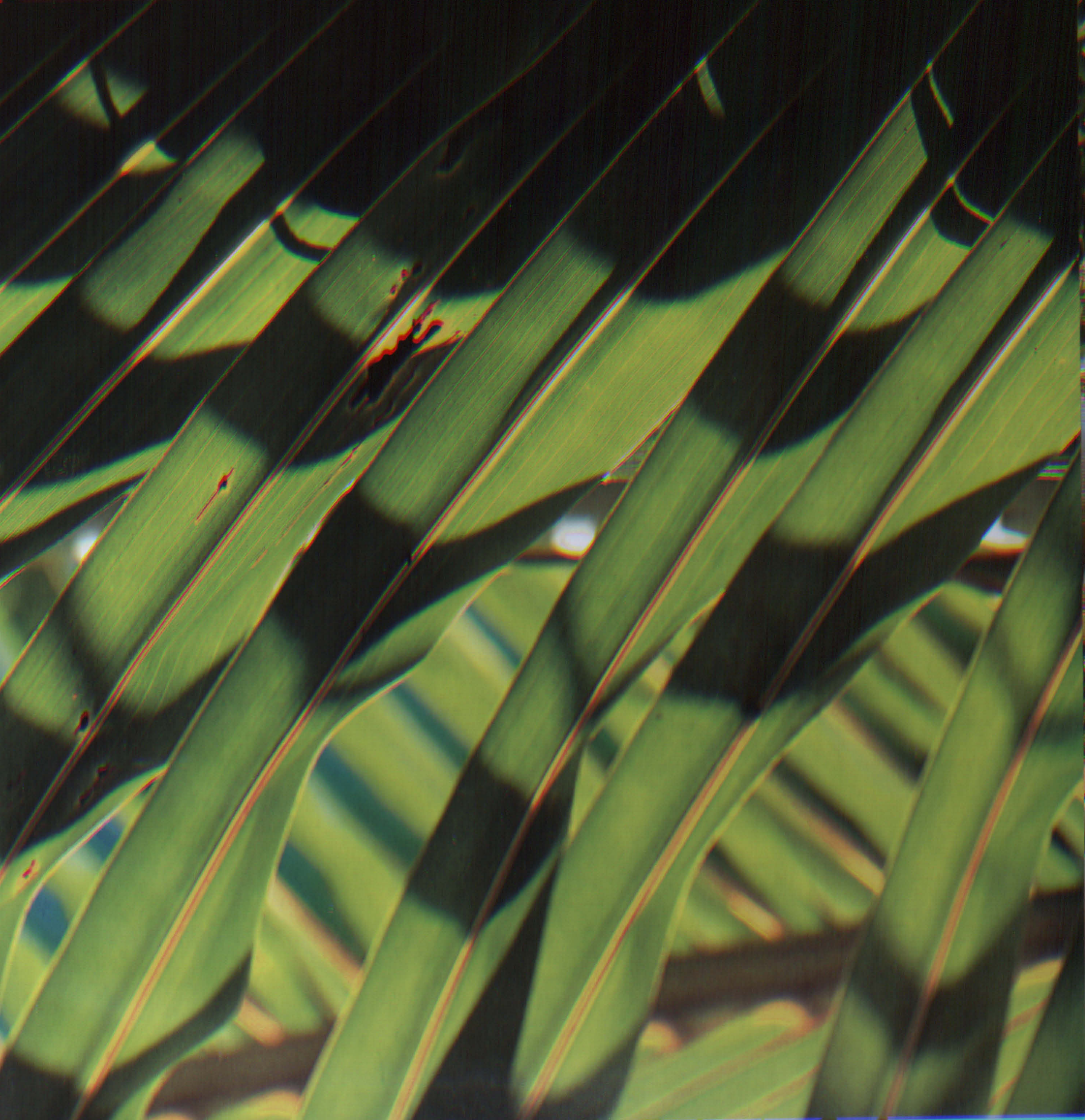
CONTEMPORARY &
FORWARD
LOOKING


Universiti Malaysia Sarawak was forged after the aspiration of Vision 2020.
"Education is the transmission of civilization."
- Ariel and Will Durant

UNIMAS first campus was completed in August 1993. Also established is the Centre for Language Studies. It opened to a modest intake of student in its two pioneering faculties, the Faculty of Social Sciences and the Faculty of Resource Science and Technology. The faculties have now expanded to eight and include the Faculty of Engineering, the Faculty of Computer Science and Information Technology, the Faculty of Applied and Creative Arts, the Faculty of Cognitive Science and Human Development, the Faculty of Economics and Business and the Faculty of Medicine and Health Sciences.

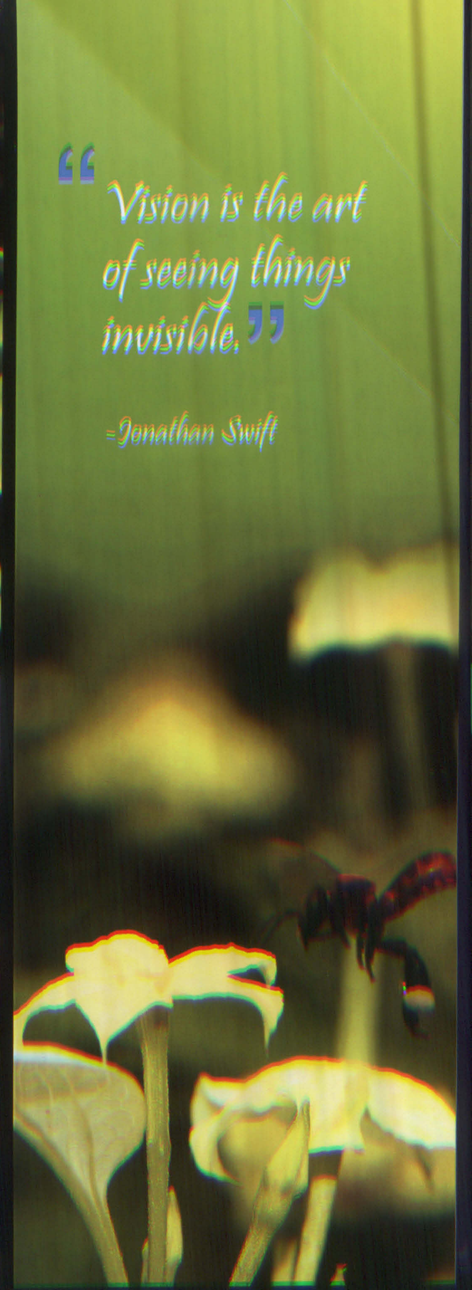


Fondly dubbed the East Campus, this first generation is a resort in a campus architecture.... beautifully designed timber constructions, adorned with lotus filled lake and lush greeneries. UNIMAS proved its mantle when within a short period of its birth, it was awarded the prestigious MS ISO 9001:2000 certification for excellence in its core management processes, from the intake of new students to certification of its graduates.



A university that transcends time.

A stark contrast to its predecessor, the West Campus is a marriage of steel and concrete, moulded to produce a state-of-the-art complex, one that would transcend time. More than just architectural, the designs signifies UNIMAS commitment to move into the future.


“Vision is the art of seeing things invisible.”
-Jonathan Swift

DISSEMINATION OF KNOWLEDGE

From the beginning, UNIMAS has put strong emphasis on technology and its commitment has given it the prestigious Multimedia Super Corridor (MSC) Status 2003. An award granted for its role and ability in developing manpower for MSC and related needs, through its strategic learning and training programmes.

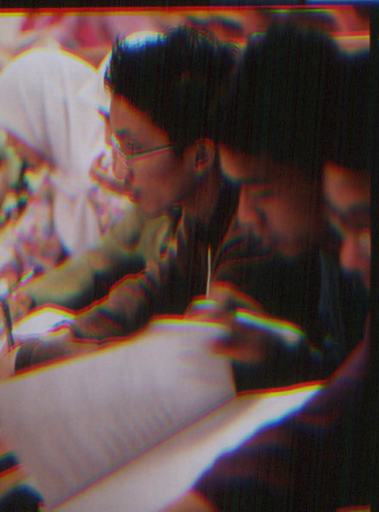
"Knowing is not enough; we must apply!"

– Goethe

To form a progressive science community:

To cultivate a community rich in values and loving culture.

UNIMAS students are trained to be proficient in their respective disciplines through critically and strategically developed core programmes at their respective faculties. In addition to their core subjects, the students are given the opportunity to select complementary courses offered by the other faculties at the university. Students' learning is optimised through careful evaluation of individual course units and self-managed study. Our graduates are able to cope not only in the existing workplace of today, but also in the emerging work environments of the future.

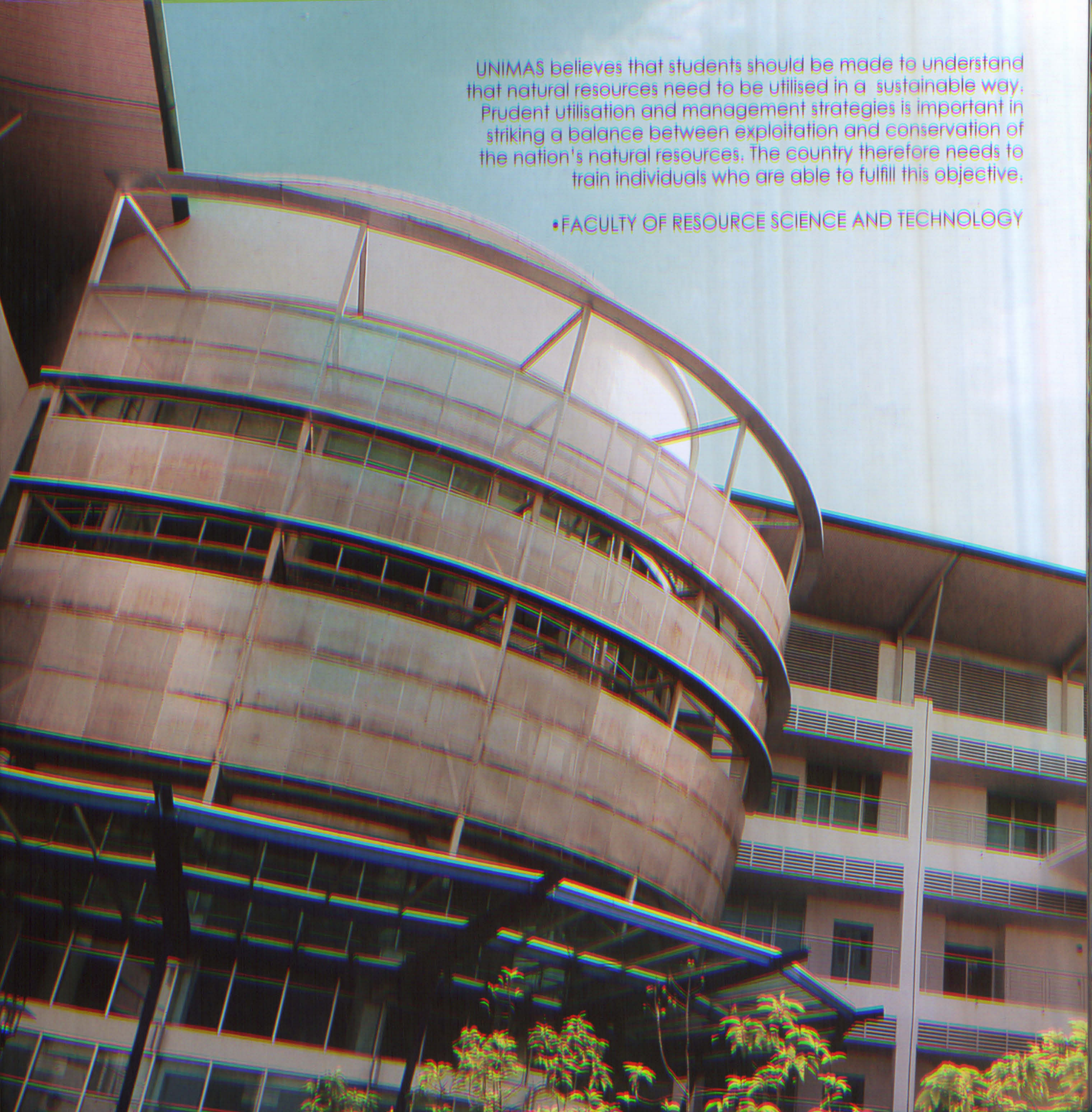


To provide knowledge and skills in the areas of economics, business and entrepreneurship through a broad-based approach, combining the studies of economics and business with information technologies.

• FACULTY OF ECONOMICS AND BUSINESS

Education as a way to understand and develop community.

•FACULTY OF SOCIAL SCIENCES



UNIMAS believes that students should be made to understand that natural resources need to be utilised in a sustainable way. Prudent utilisation and management strategies is important in striking a balance between exploitation and conservation of the nation's natural resources. The country therefore needs to train individuals who are able to fulfill this objective.

• FACULTY OF RESOURCE SCIENCE AND TECHNOLOGY

"Search for knowledge from the cradle to the grave."

-Prophet Muhammad

Exploring the mind business in education and incorporation of cognitive science elements in human resource development.

- FACULTY OF COGNITIVE SCIENCE AND HUMAN DEVELOPMENT

FAKULTI SAINS KOGNITIF
DAN PEMBANGUNAN MANUSIA

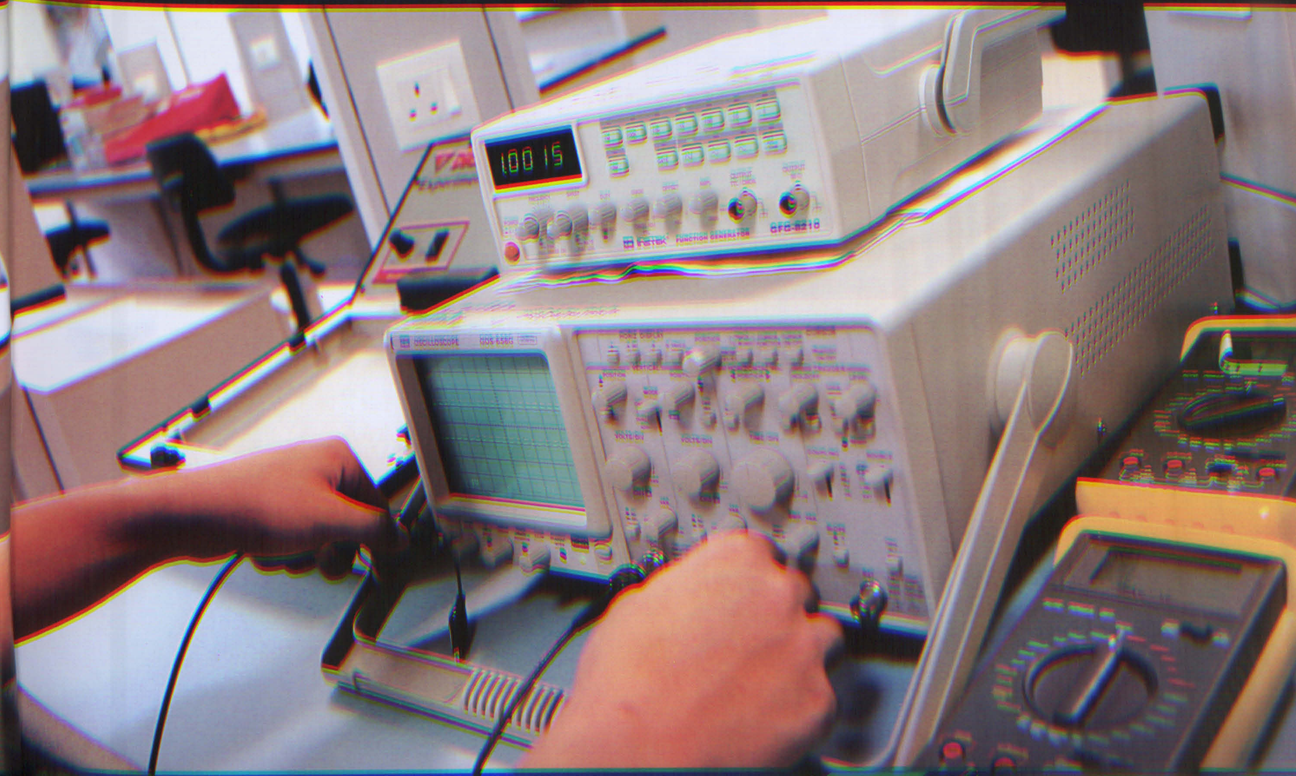
Faculty of Cognitive Science &

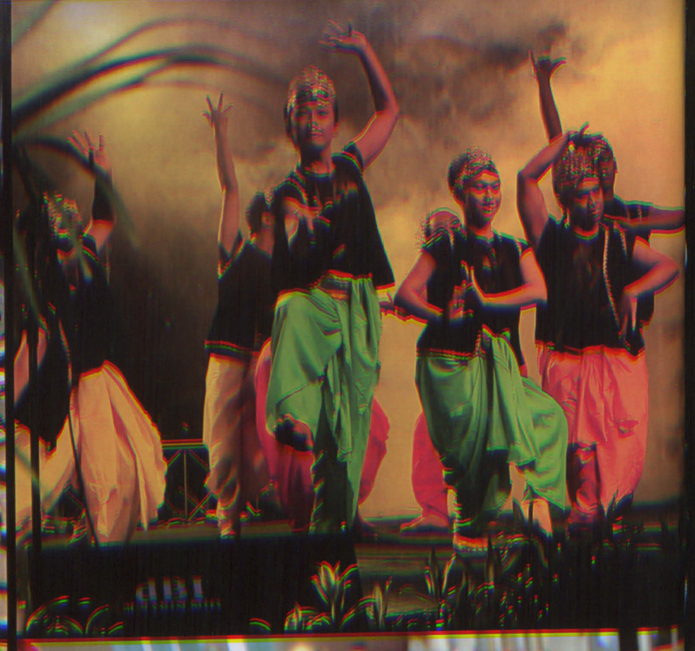
To meet the communication and information technology skills across all sectors.

•FACULTY OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

Responding to the development of new emerging technologies and industrial workforce.

•FACULTY OF ENGINEERING





Develop creativity and innovation needed by the service sector = artist/innovators who not only possess creative streak but also know how to manage and market what they create.

•FACULTY OF APPLIED & CREATIVE ARTS

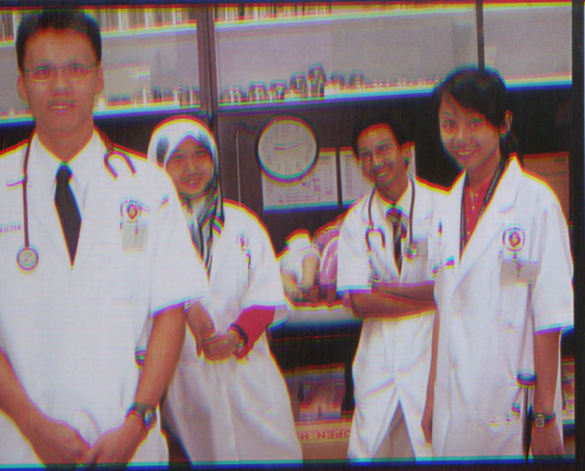
"Never regard your study as a duty, but as the enviable opportunity to learn to know the liberating influence of beauty in the realm of the spirit for your own personal joy and to the profit of the community to which your later work belongs."

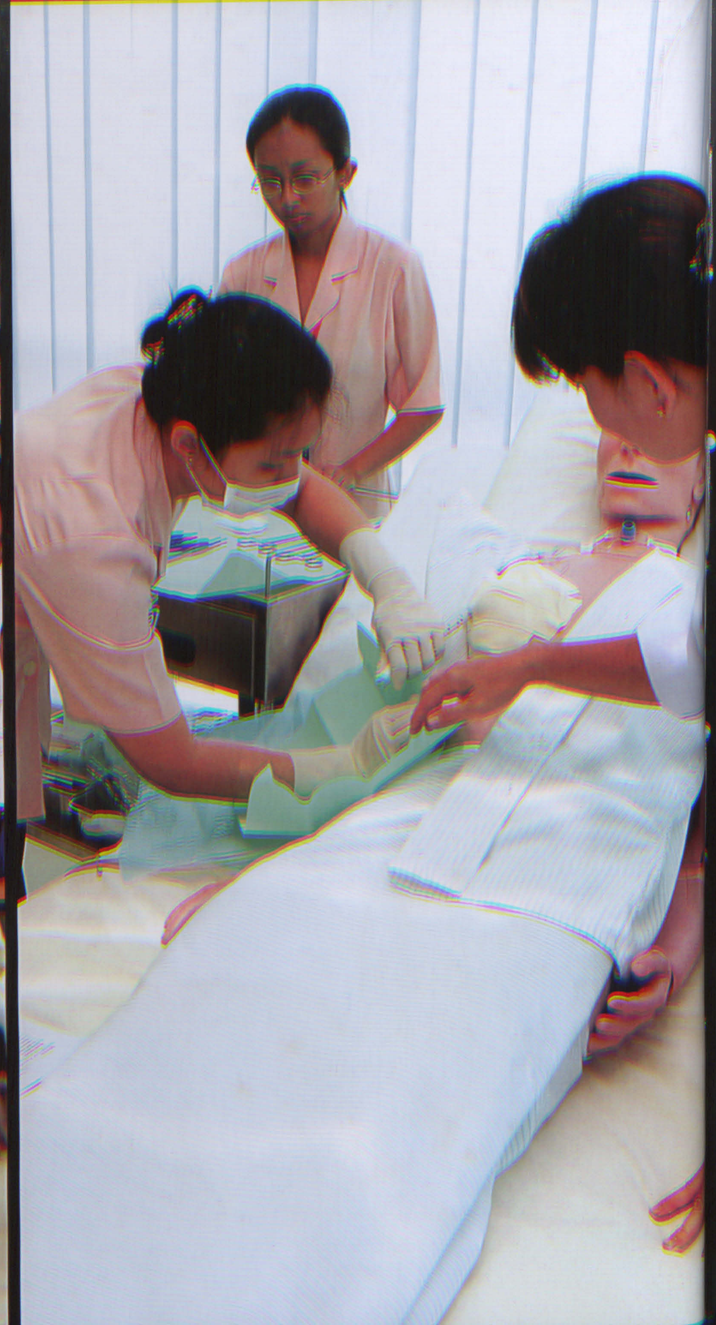
= Albert Einstein

“Music is the
shorthand of emotion”
-Leo Tolstoy

Problem-based Learning programme to help meet the demand for medical doctors and health practitioners throughout the country.

•FACULTY OF MEDICINE & HEALTH SCIENCES

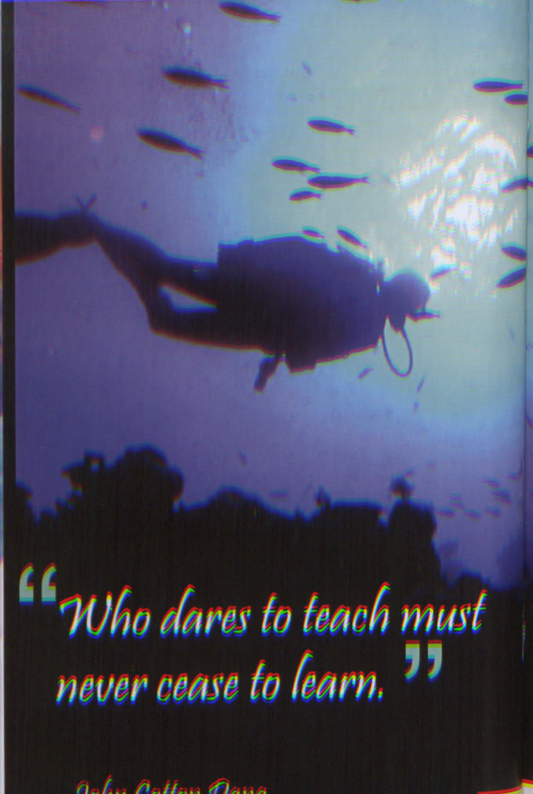




UNIVERSITI MALAYSIA
SARAWAK

UNIMAS believes that a university's main task is the education of its youth. To bring forth individuals who are well equipped with specialized expertise and are able to contribute to the country and nation's development and well-being. The curriculum applied in UNIMAS is geared to produce students who are all-rounded – logical, pragmatic, and ethical. And to equip students with the technological know-how to enable them to rise up to the challenges in a globalised market. The programmes in UNIMAS are constantly updated and regulated to ensure their relevance with the changing market and to disseminate that knowledge and skills to its students.

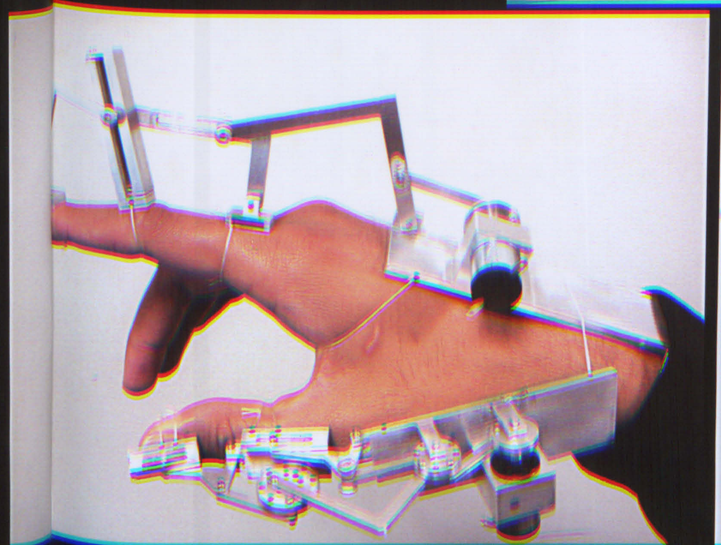
ACQUISITION OF KNOWLEDGE



"Who dares to teach must never cease to learn."

= John Cotton Dana

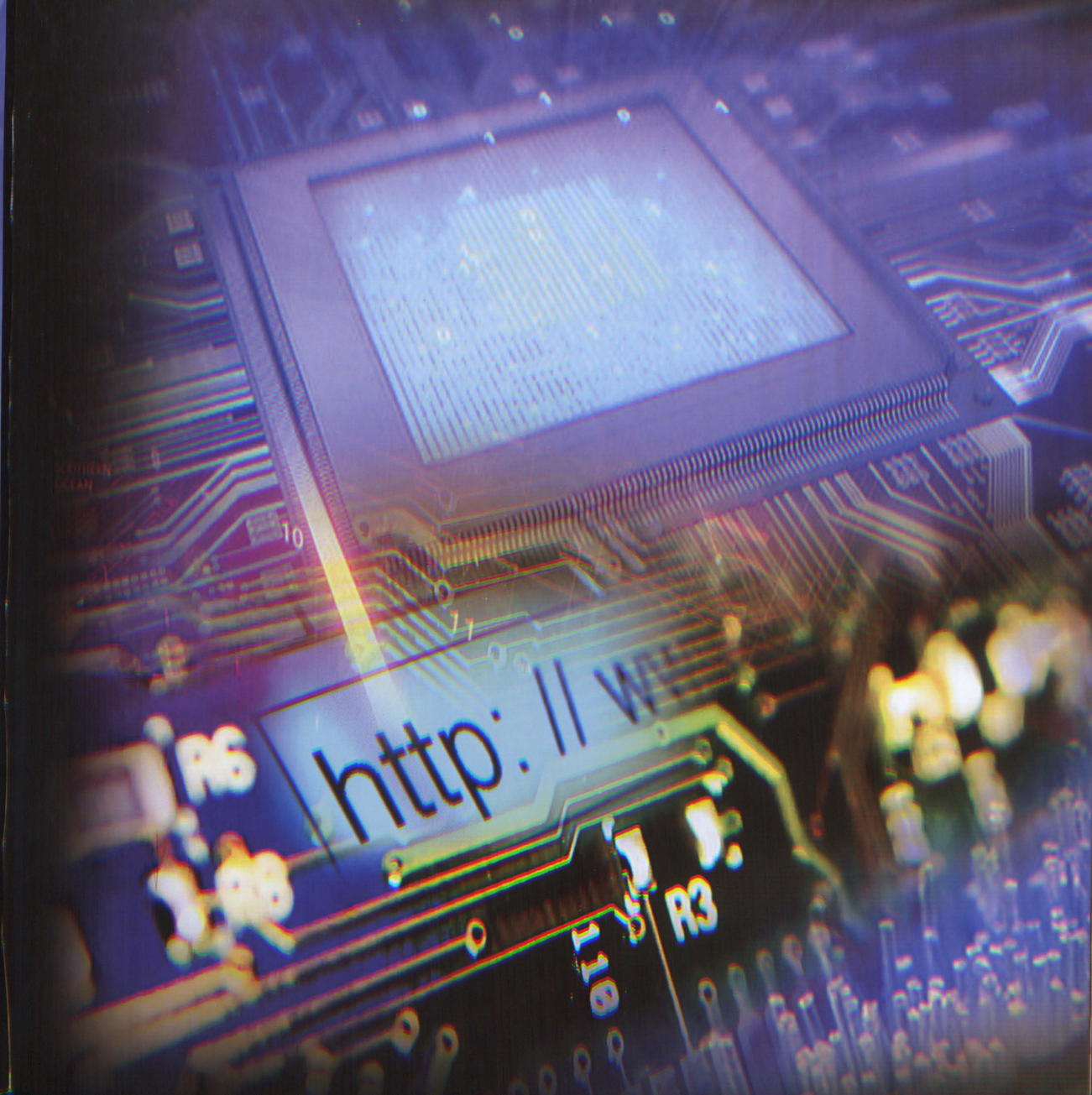
There are three research institutes in UNIMAS: Biodiversity and Environmental Conservation, East Asian Studies, and Health and Community Medicine. UNIMAS boasts six centres of excellence for researches on malaria, image analysis and spatial technologies, water resources, rural informatics, semantic and augmented reality technology, and renewable energy respectively.



Research complements and invigorates teaching, as well as collectively supports the preservation, dissemination and advancement of knowledge for the betterment of society. The University's mission in research is to promote and support the involvement of its academic staff in both fundamental and applied research, based on good scholarship.

The biodiversity of flora and fauna in the various jungles, hills, peat swamps, coastal areas, mangroves and rivers in Sarawak present unlimited opportunities for research. Results from this research contribute not only to knowledge of ecology but also to developments in the fields of medicine, health care and pharmaceuticals.

Year.2089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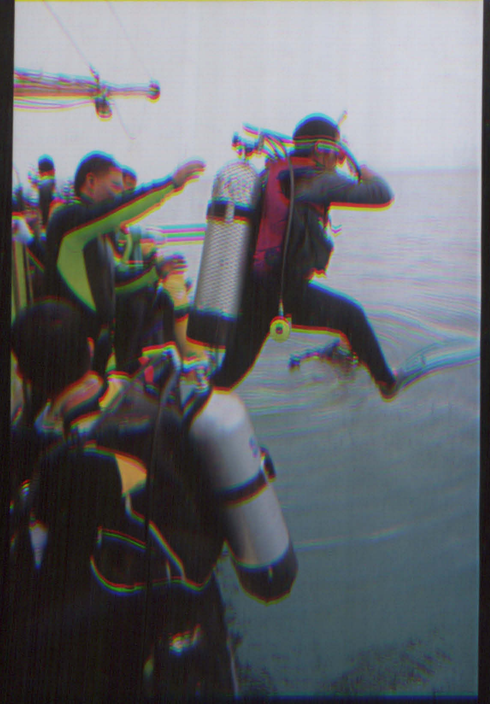
Prioritised research at UNIMAS is geared towards discovering and promoting (scientific, managerial and technological) knowledge for sustaining local resources and community well-being. Competence and prominence have now been developed and acknowledged in biotechnological research in epidemiology (dengue, JE, FMHD, malaria), biogeography (phylogenetics) and agriculture (saga); ICT, specifically on rural communication and image analysis; biodiversity, natural resource and environmental management as well as studies on social transformation.

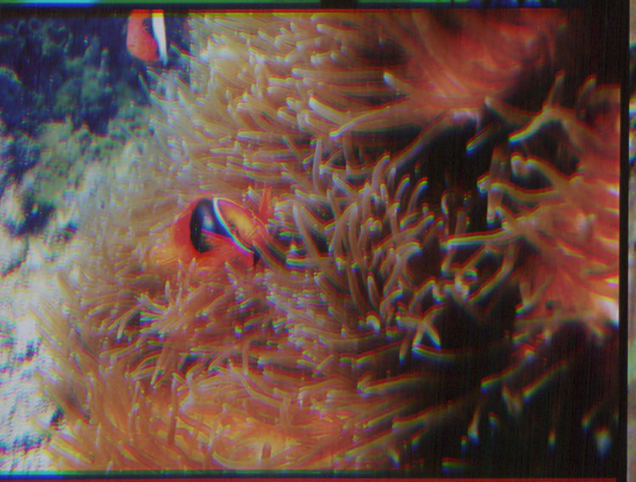


"Iron rusts from disuse,
stagnant water loses
its purity and in cold
weather becomes frozen;
even so does inaction sap
the vigours of the mind."

- Leonardo Da Vinci

Vision 2020

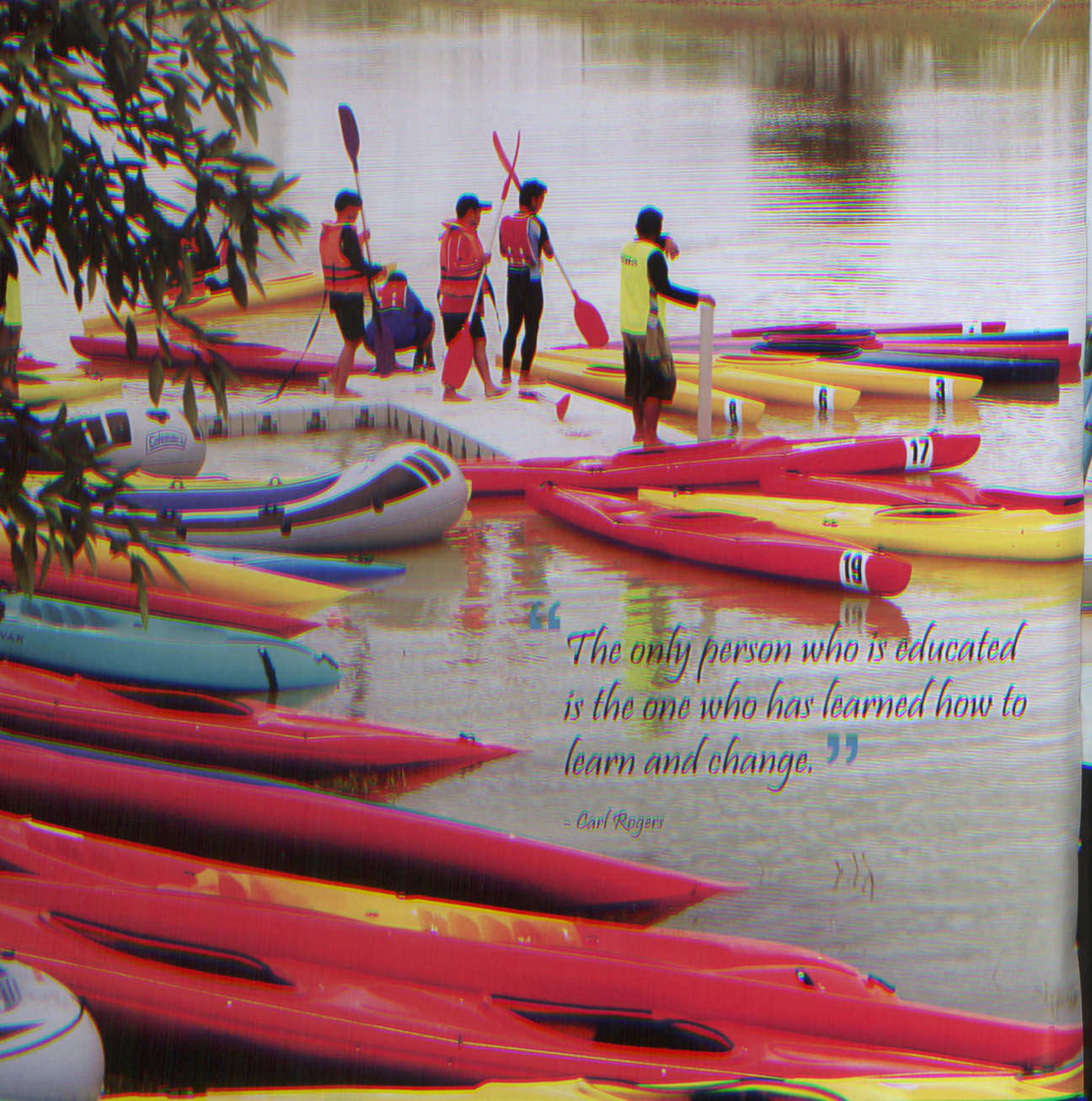
Challenge 8: To ensure an economically just society in which there is a fair distribution of wealth and full partnership in economic progress.



"The fish in the water is silent, the animals on earth are noisy, the bird in the air is singing. But man has in him the silence of the sea, the noise of the earth and the music of the air."

-Rabindrath Tagore

DEVELOPMENT OF YOUTH



"The only person who is educated is the one who has learned how to learn and change."

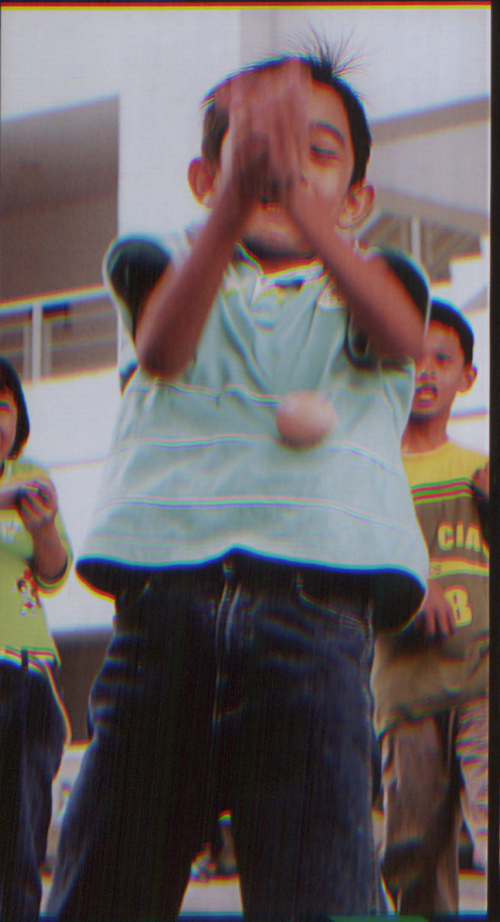
– Carl Rogers

While UNIMAS gives emphasis on vocational instruction and training required by the industry, it will not obscure some of the fundamental mission of a university education: to prepare our youth for citizenship and for participation in a responsible society.

KETTLER
VITO XL

The university is constantly upgrading its sport and recreational facilities to cater for the leisure activities of the campus community. Currently provided are football fields, tennis courts, basketball courts, netball fields and multi-purpose hall, as well as fields for archery, softball and sepak takraw. Our sports complex houses a gymnasium and squash courts. We also have our very own bowling alley.

"The many great gardens of the world, of literature and poetry, of painting and music, of religion and architecture, all make the point as clear as possible: The soul cannot thrive in the absence of a garden. If you don't want paradise, you are not human; and if you are not human, you don't have a soul."

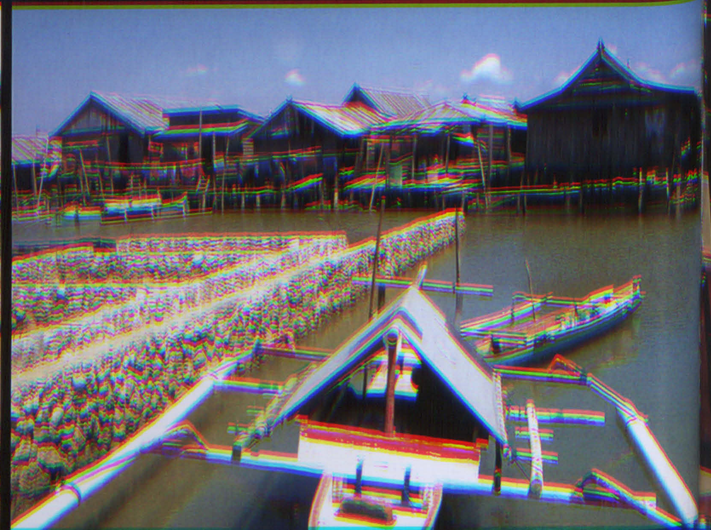


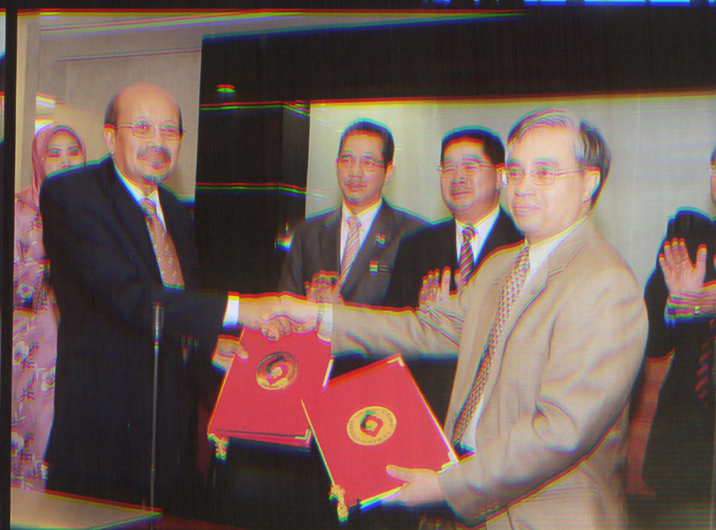
UNIMAS believes that students should involve themselves directly with the community as part of their holistic development. This would help them learn and understand life from a broader perspective, not just as students in a university campus, but as connected to the surrounding community, especially those who are in need of special care and attention.

COMMUNITY & INDUSTRIAL ENGAGEMENT

UNIMAS desires to have strong ties with the private sectors and relevant government agencies, as well as the local community. Centre for Technology Transfer and Consultancy (CTTC) and later, Sebayar Holdings Sdn Bhd (UNIMAS private wing) were established to serve that role. Both are playing an important role in bridging relationships and transferring technology and expertise between the university, the industries, and the community. By working closely with the industry and community, UNIMAS will be able to ensure that it carries out research and development initiatives that are relevant to the needs of the nation.

Guest of Honour
YB Dato Sri Haji Awang Tengah
Bin Ali Hassan
Minister of Planning & Resource Management II
Minister of Public Utilities





UNIMAS is keen to contribute directly to the wealth and development of the country. It is proud to be directly involved in Sarawak economic development, believing that it has the expertise that could help propel the regions and its surrounding community to economic success. A truly successful economy should not have any of its citizens left behind; and this is part of the challenges of Malaysia Vision 2020 which is to create an economically just society. One of UNIMAS core project, e-Bario, which has won numerous awards at the national and international level, has been about uplifting the socioeconomic status of the rural community. The success of bringing technology to the rural community is now being replicated in other parts of Malaysia.

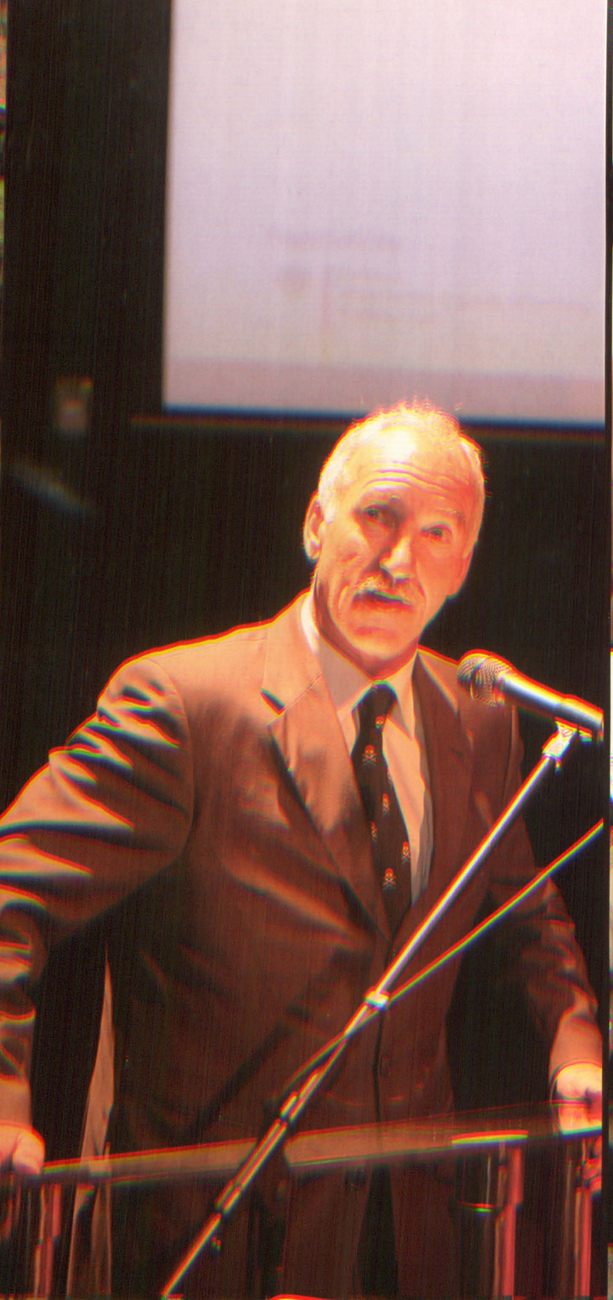
IN A WORLD WITHOUT BORDERS

"Science and art belong to the whole world, and before them vanish the barriers of nationality."

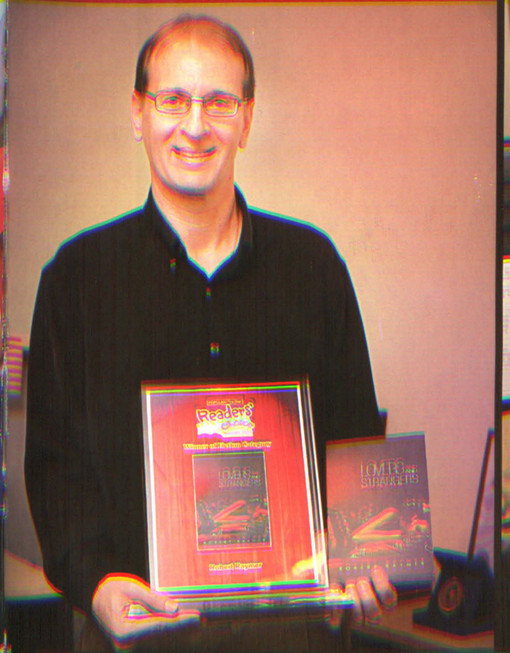
-Goethe

To date UNIMAS has established links with some 54 international partners worldwide. Memoranda of Understanding were formally signed as the basis of interactions through collaborative research, exchange of staff and students, and provision of services through consultancy and technology transfer. Several students exchange programmes have taken place between UNIMAS and foreign universities that help to expose our students to the type of training available at other campuses. Over the years UNIMAS also played host to foreign academics and students from around the world including Australia, New Zealand, United Kingdom, and the United States of America.

PEJABAT NAIB CANSELOR

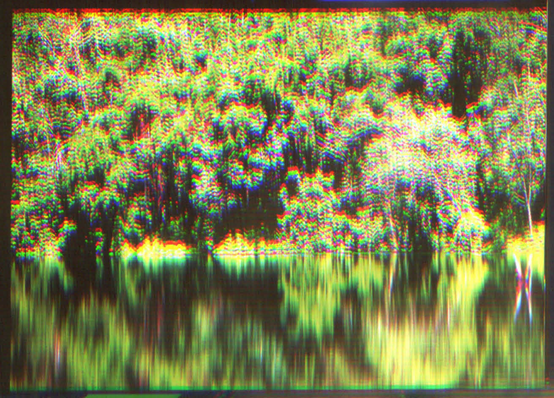


SAMSUNG



WHERE THE MOUNTAINS STAND TALL AND HORNBILLS HIDE

Sarawak is strategically located in Borneo Island, stretching approximately 700 km along the west coast of Borneo with a land area of over 124,000 sq km. Blessed with a plethora of flora and fauna; it holds an astounding treasure trove of natural diversities. Complimenting this wealth of natural wonders are the diverse cultures and traditions practiced by its various ethnic group which comprises more than 26 in a population of just over two million. These create a mixture of cultures that is both colourful and fascinating in a state that holds some of the most breathtaking and awe inspiring natural formations in the world.



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Kuching, the capital city of Sarawak and a 20-minute drive from UNIMAS main campus, is one of the most beautiful cities in Malaysia. Visitors to Kuching will enjoy the city and its friendly people, varied architecture, green spaces and diverse culture. The varied architectural styles of the city are evident of different influences, which shape its culture and way of live. Kuching is a shopping paradise, with its modern shopping complexes as well as traditional shophouses and stalls displaying all kinds of merchandise. The city is a showcase of many different culture and arts, cuisine, fashions, traditions and lifestyles, as a result of multi-racial nature of the population. Its rich and unique cultural heritage is visible throughout the city and is displayed in full splendour during the celebrations and festivals of the respective ethnic groups throughout the year.

Photo courtesy of Sarawak Tourism Board. All rights reserved.

Photo courtesy of Sarawak Tourism Board. All rights reserved.

From the beginning of its establishment, UNIMAS has set a high standard for itself. Our spirit is untamed, our journey clear and our desire to shine unfazed. Excellence embodies our spirit. Not because the need is imposed upon us, but a vision that we instill as part of UNIMAS. It is a force that will keep us constantly on our toes. It is not about being the best in everything, but to practice the thing that we do at the highest standard. Excellence is not our destination (for it is a journey without end); it is what we practice and apply with passion, dedication and conviction.

Professor Dr Khairuddin Ab Hamid

VISION of EXCELLENCE

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